

### **ABSTRACT**

A method of locating a vessel lumen to enable placement of a vascular hole closure device comprising the steps of providing a syringe containing a fluid therein, connecting the syringe to an elongated instrument, exerting a force on the syringe plunger as it is inserted through the tissue towards the vessel wall, and detecting movement of the syringe to eject the fluid to determine entry of the elongated instrument into the vessel lumen.